

Integrated Security Devices

# **G83-14201 Biometric Keyboard with Smart Card Reader**



**Biometric Keyboard with  
Integrated AuthenTec  
AES4000 CMOS Fingerprint  
Sensor and CardMan 3121-  
Compatible Smart Card Reader**

## **Main Applications**

Rack Mount Systems  
Airlines  
Education/Schools  
Banking  
Medical Equipment  
Automotive Equipment  
POS/POT  
Office/Data Entry  
White Box PCs  
Field Services  
Test Equipment  
Kiosk Applications  
POS/POT  
Manufacturing  
Transport

## **Key Features**

- USB keyboard with fingerprint sensor and PC/SC smart card reader
- CardMan 3121-compatible Smart card reader
- AuthenTec AES4000 CMOS Fingerprint Sensor with TruePrint® Technology

## **Main Part Numbers**

### **G83-14201LPAUS-2**

Black housing, smart card reader

### **G83-14501LPAUS-0**

Light grey housing, smart card reader

Integrated Security Devices

# G83-14201 Biometric Keyboard with Smart Card Reader

## Main Part Numbers

G83-14201LPAUS-2



## Technical Data

### Interface

USB, bus powered device

### Current Input

Max 150 mA

### Smart Card Interface

Reads and writes all ISO 7816 cards  
supports T=0, T=1, 1°C  
(S=8), 2 wire (S=10), 3 wire (S=9)

### Card Connecting Unit

approx. 100,000 insertions

### Smart Card Speed

412, 903 bps

### Clock Frequency Smart Card

4.8 MHz

### Sensor Resolution

(250 dpi)

### Storage Temperature

-20°C to 60°C

### Operating Temperature

0°C to 50°C

### Keyswitch Lifetime

>20 million operations

### System Requirements

USB Connection

### Insertion Cycles

approx. 100,000

### Cable Length

approx. 1.75 m

### Number of Keys

104 = EU Layout with Windows™ keys  
105 = US Layout with Windows™ keys

### Weight (without/with packaging)

approx. 2.62 lbs. without packaging  
approx. 3.30 lbs. with packaging

### Dimension

17.9 x 7.7 x 2.1 (keyboard)  
19.4 x 10.0 x 2.3 (packaging)

### Packaging Units

40 keyboards per master carton  
2 master cartons per pallet

### Agency Approvals

FCC, GS, CE, c-tick, GHOST-R, VCCI  
Microsoft WHQL Windows™ 2000, XP

### Delivery Volume

Keyboard, Printed manual, CD with  
smart card reader drivers and Protektor  
Suite OEM

### Warranty

2 years

For information on repairs or  
warranty status contact:

Cherry Technical Support

Phone: 800.510.1689

E-Mail: [keyboardsupport@cherrycorp.com](mailto:keyboardsupport@cherrycorp.com)

## Contact

Call, fax or visit our  
website for more information.

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